

Fig. 2

Patented Dec. 22, 2004

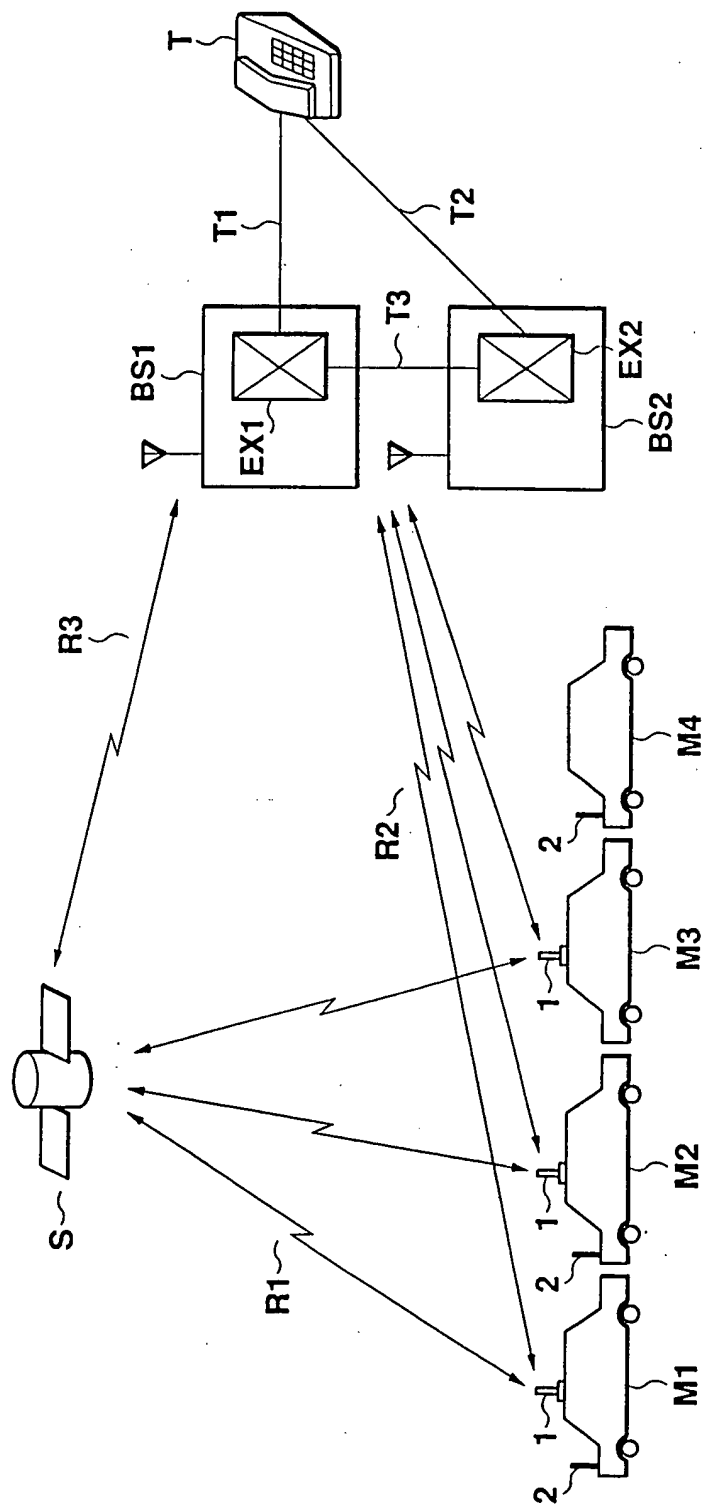


Fig. 3

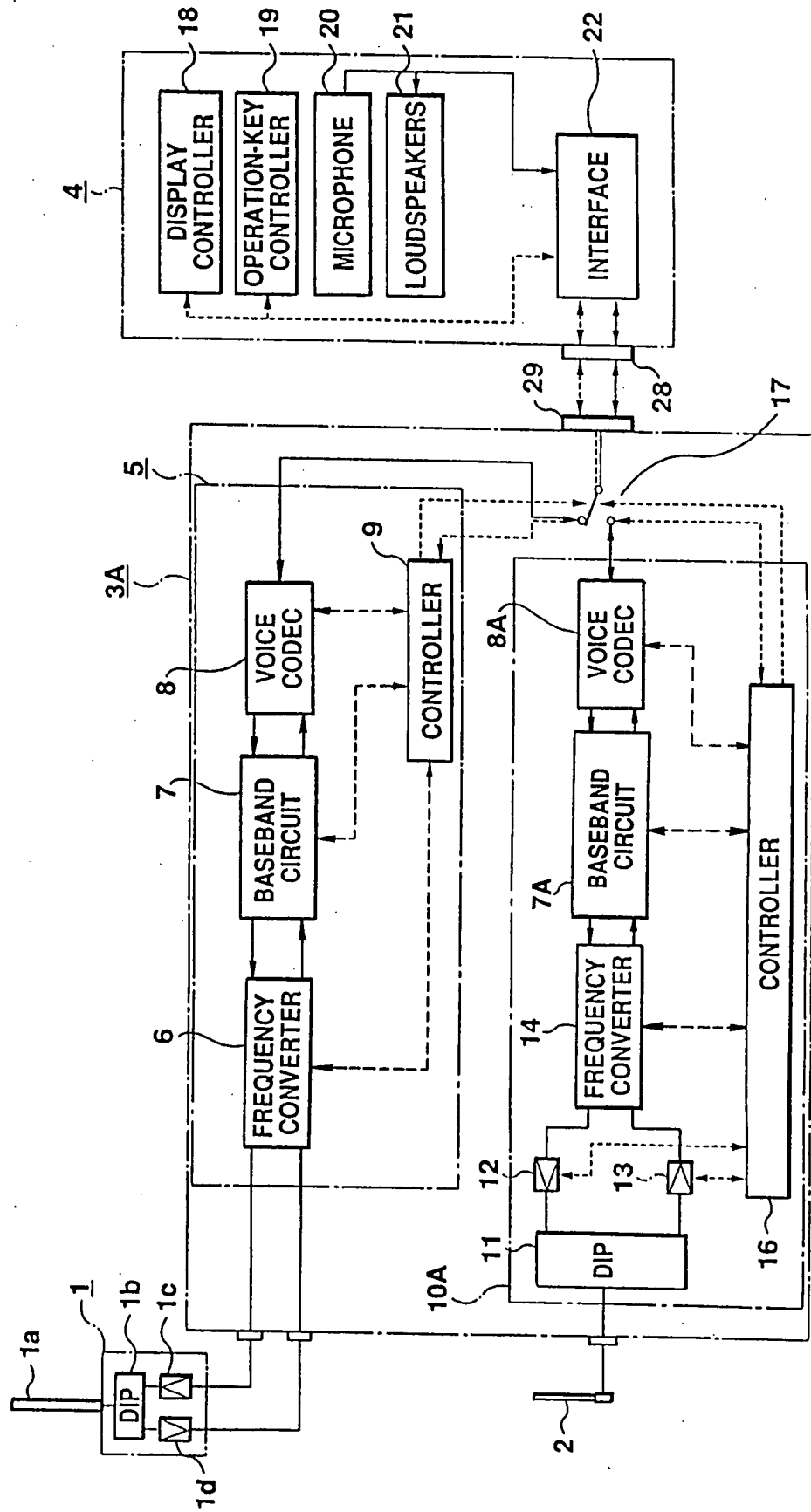


Fig. 5

2020-02-27

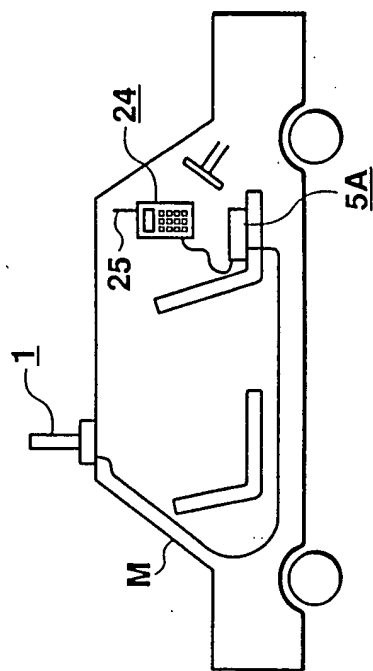


Fig. 6

Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

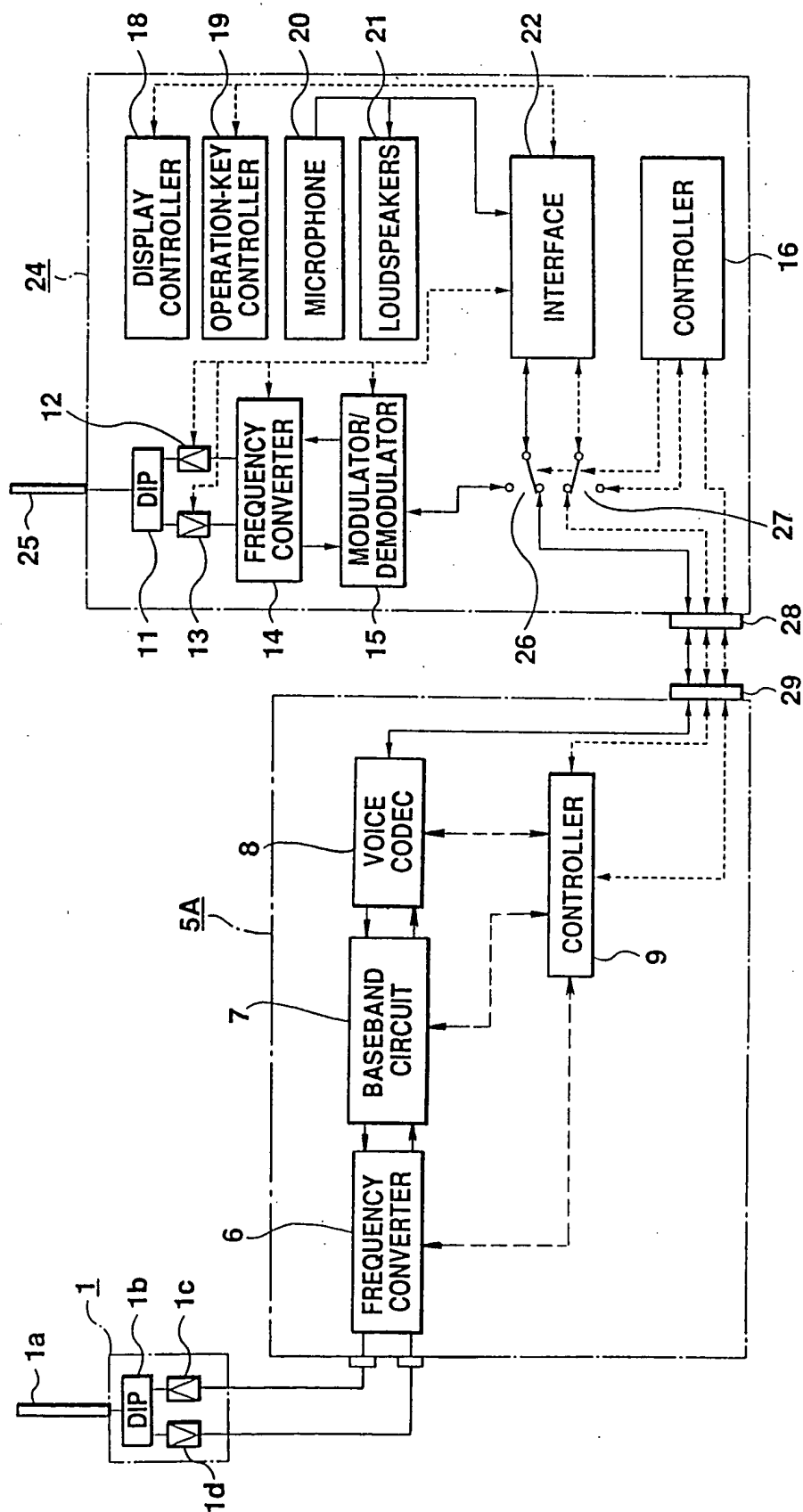


Fig. 7

060020" 02027460

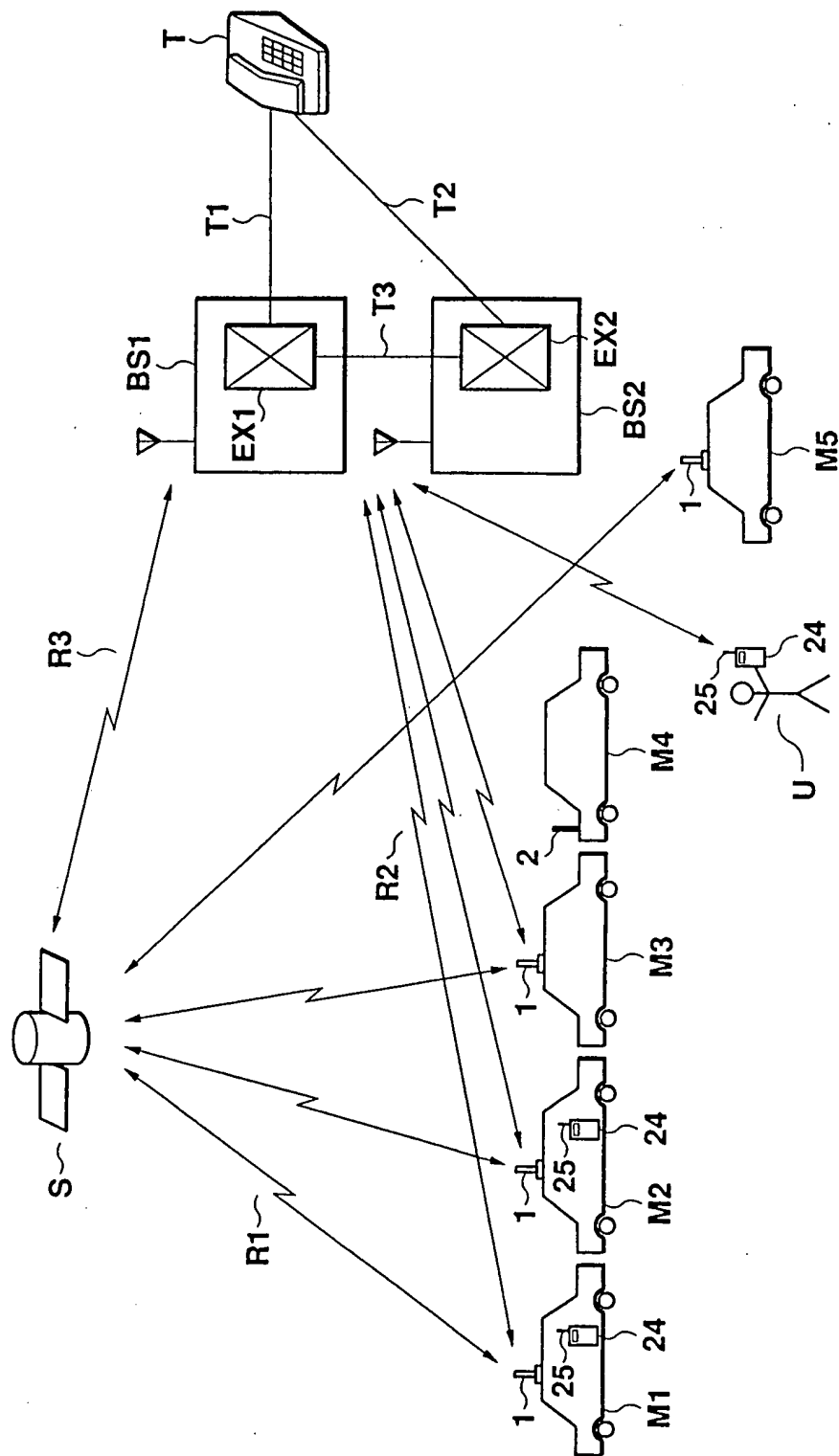


Fig. 8

2025-02-20 14:20:20

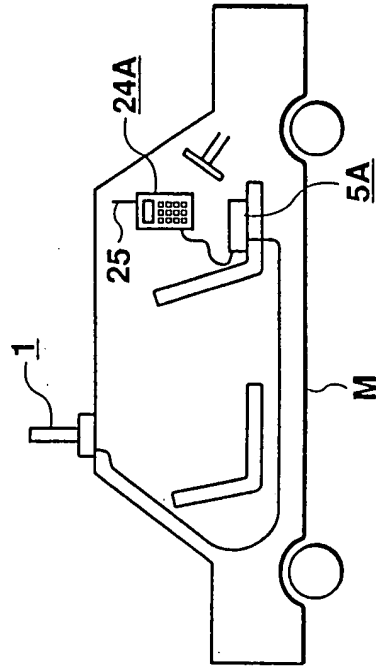


Fig. 9

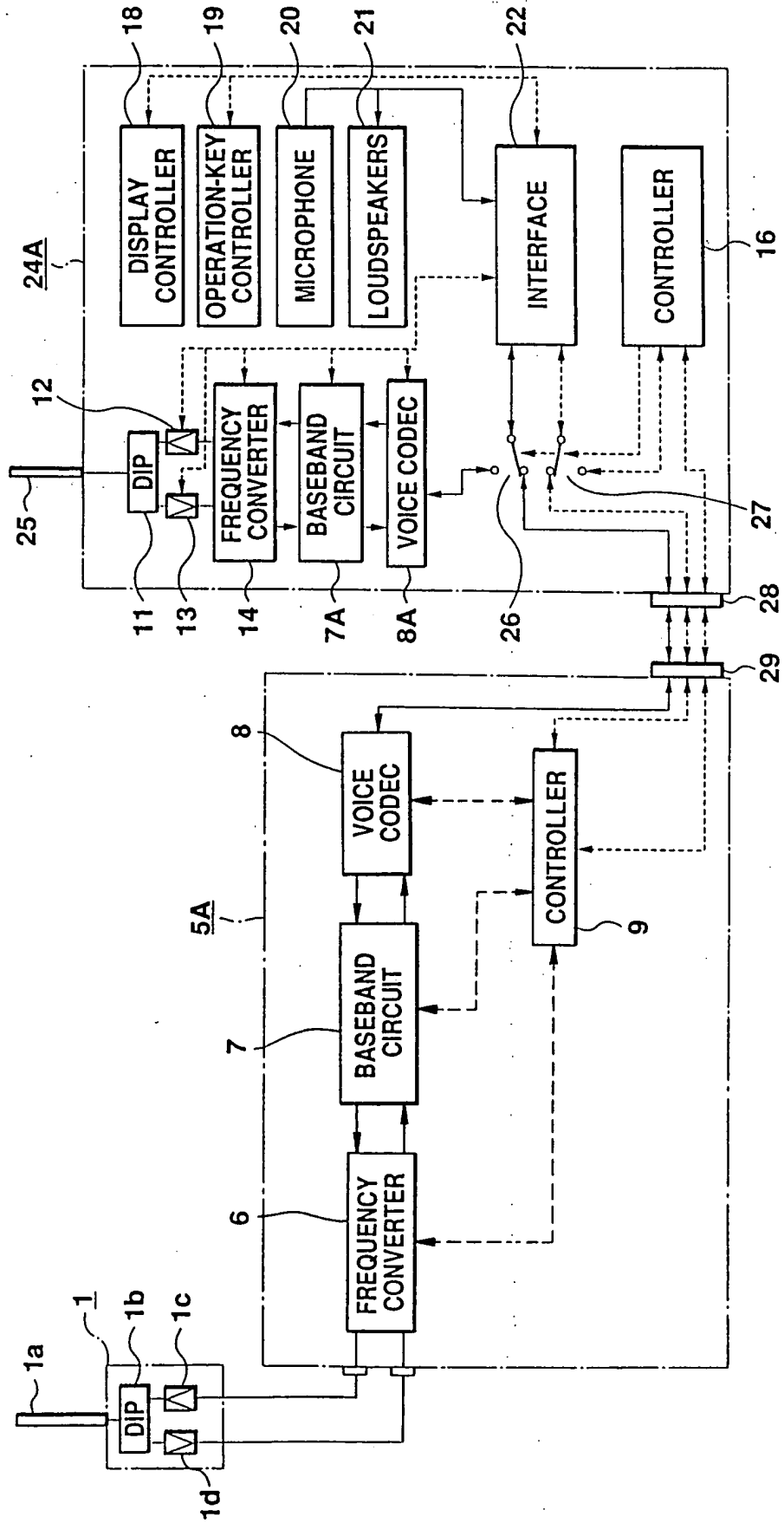


Fig. 10

Patented 2002-10-08

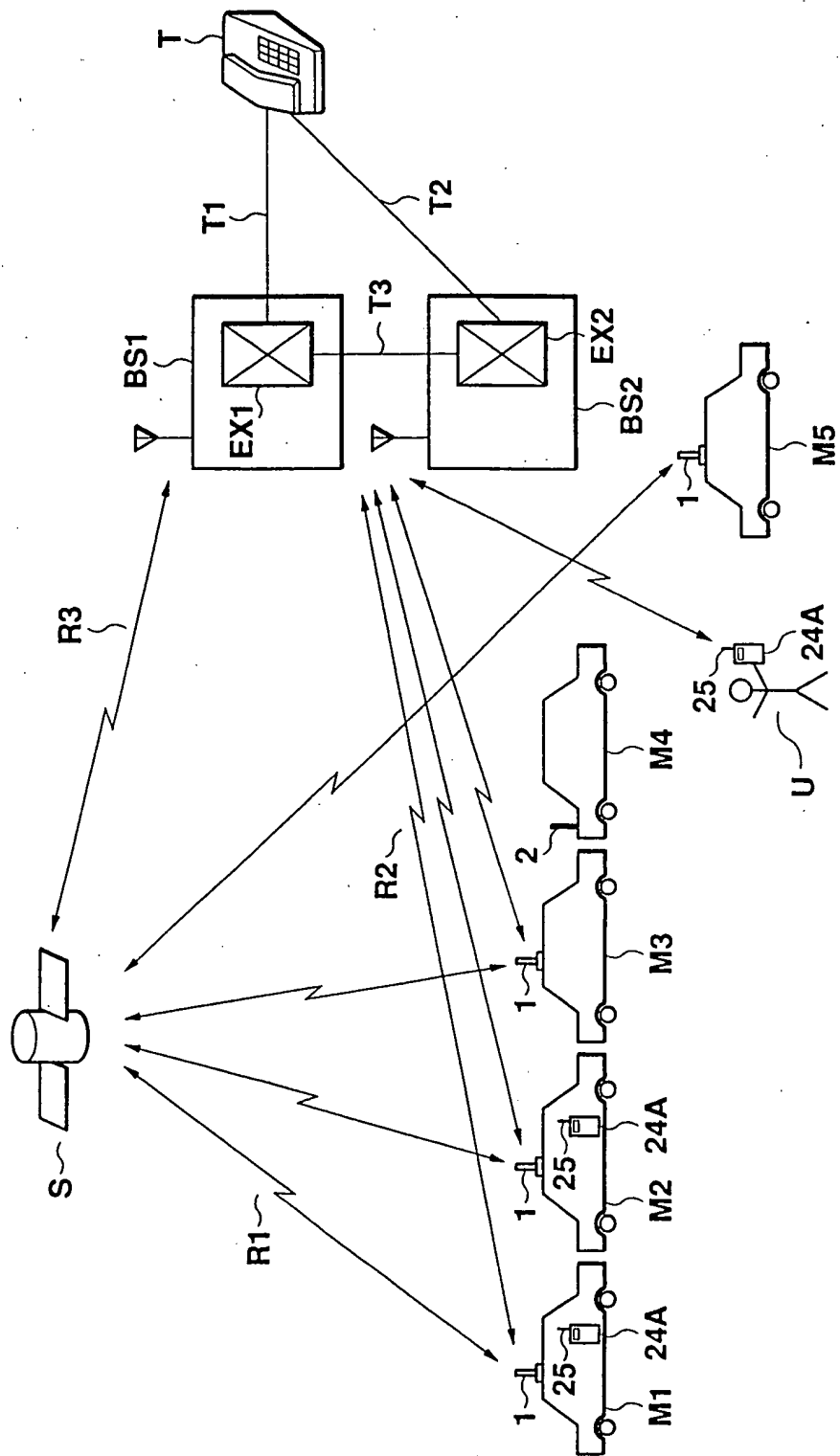


Fig. 11

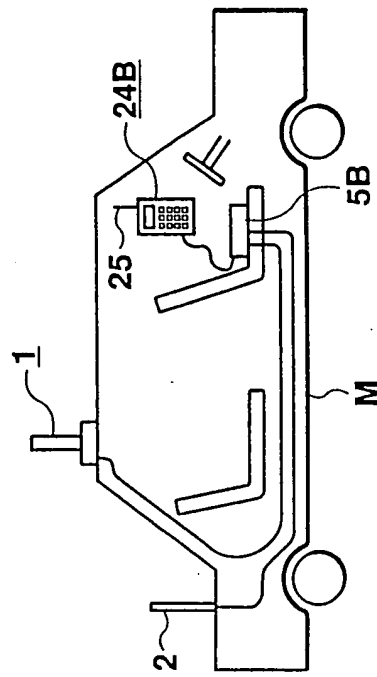


Fig. 12

800020 0002160

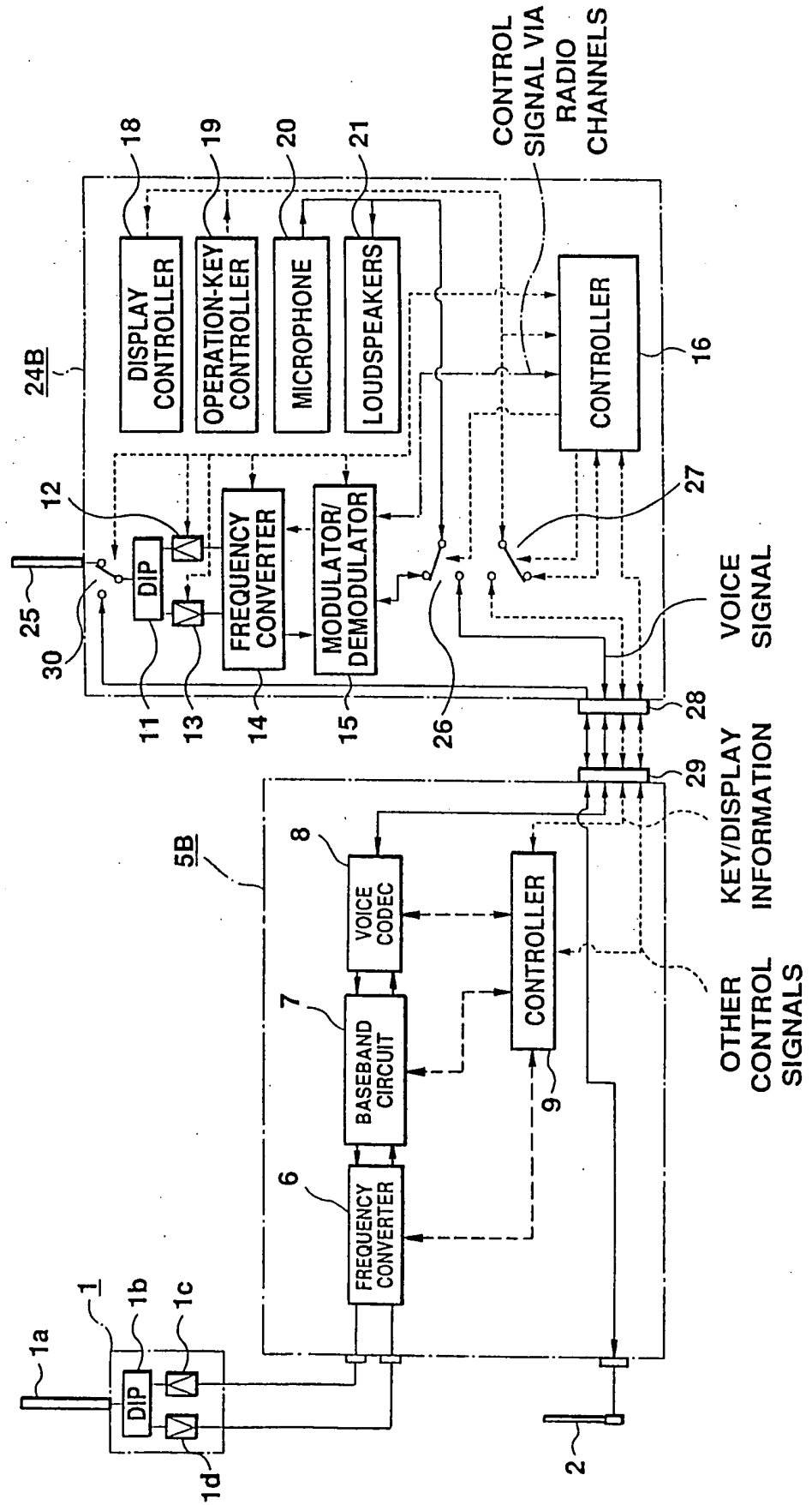


Fig. 13

Fig. 14

2020-02-20

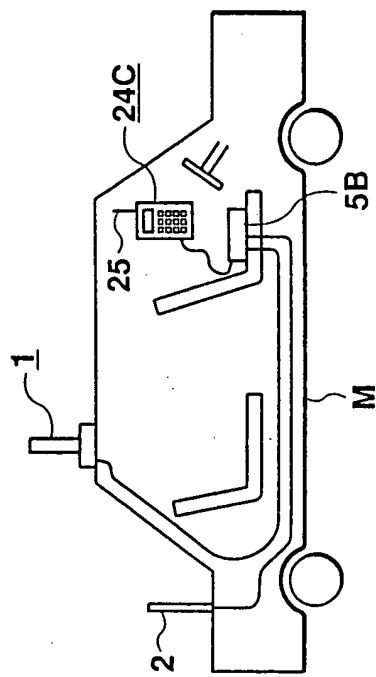


Fig. 15

360040" DECEMBER 1990

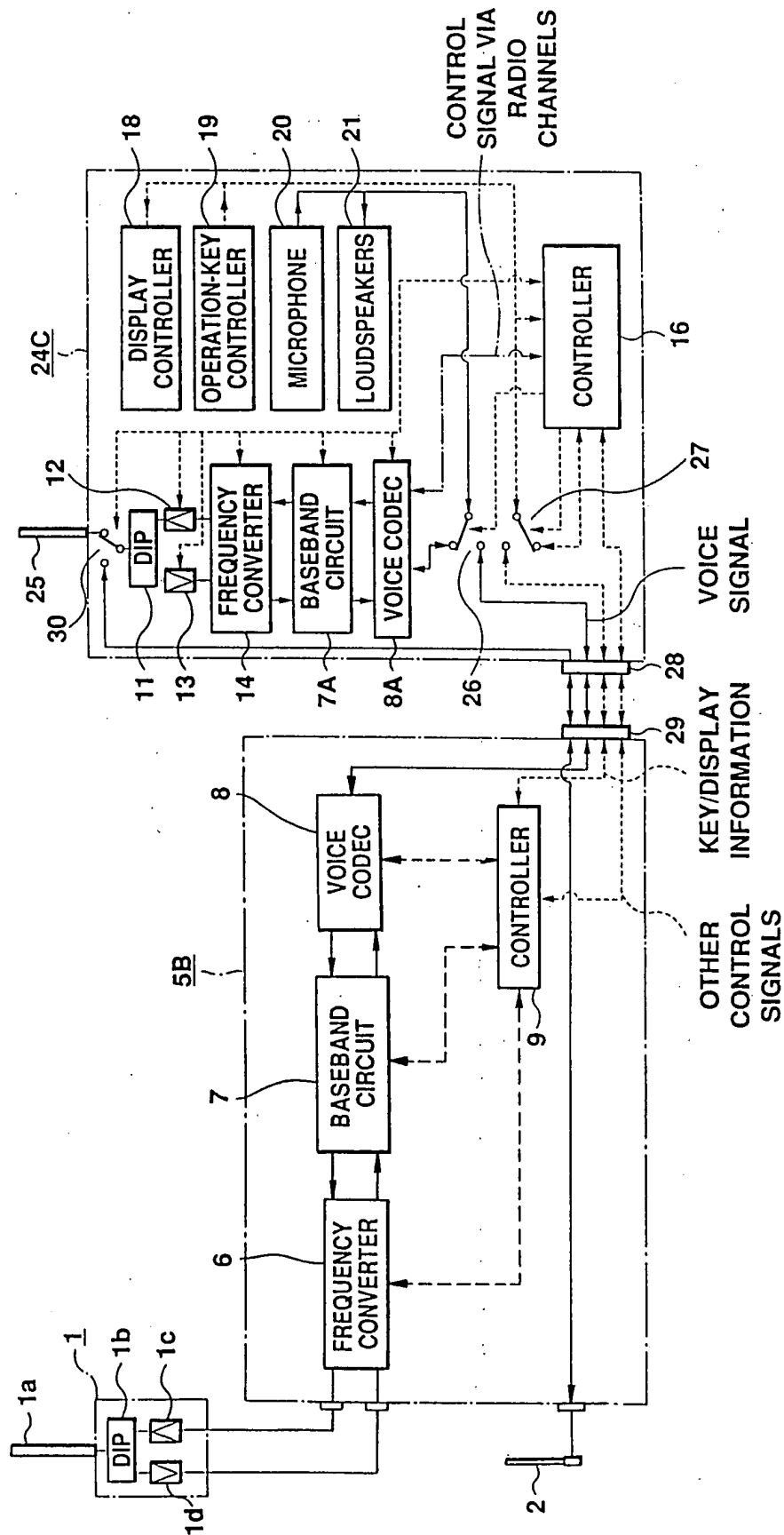


Fig. 16

800020 0202160

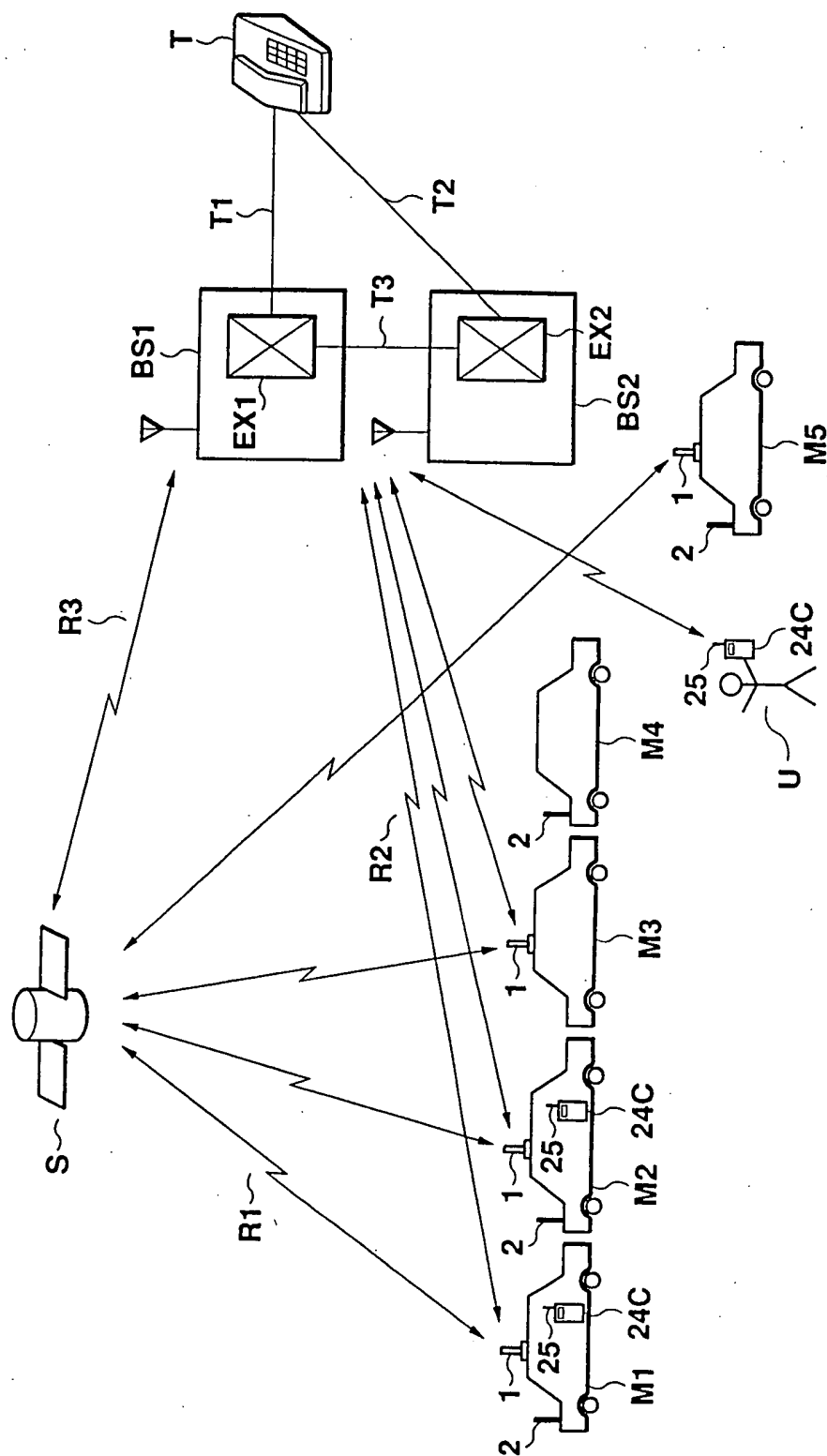


Fig. 17

Fig. 18

660220 2002160

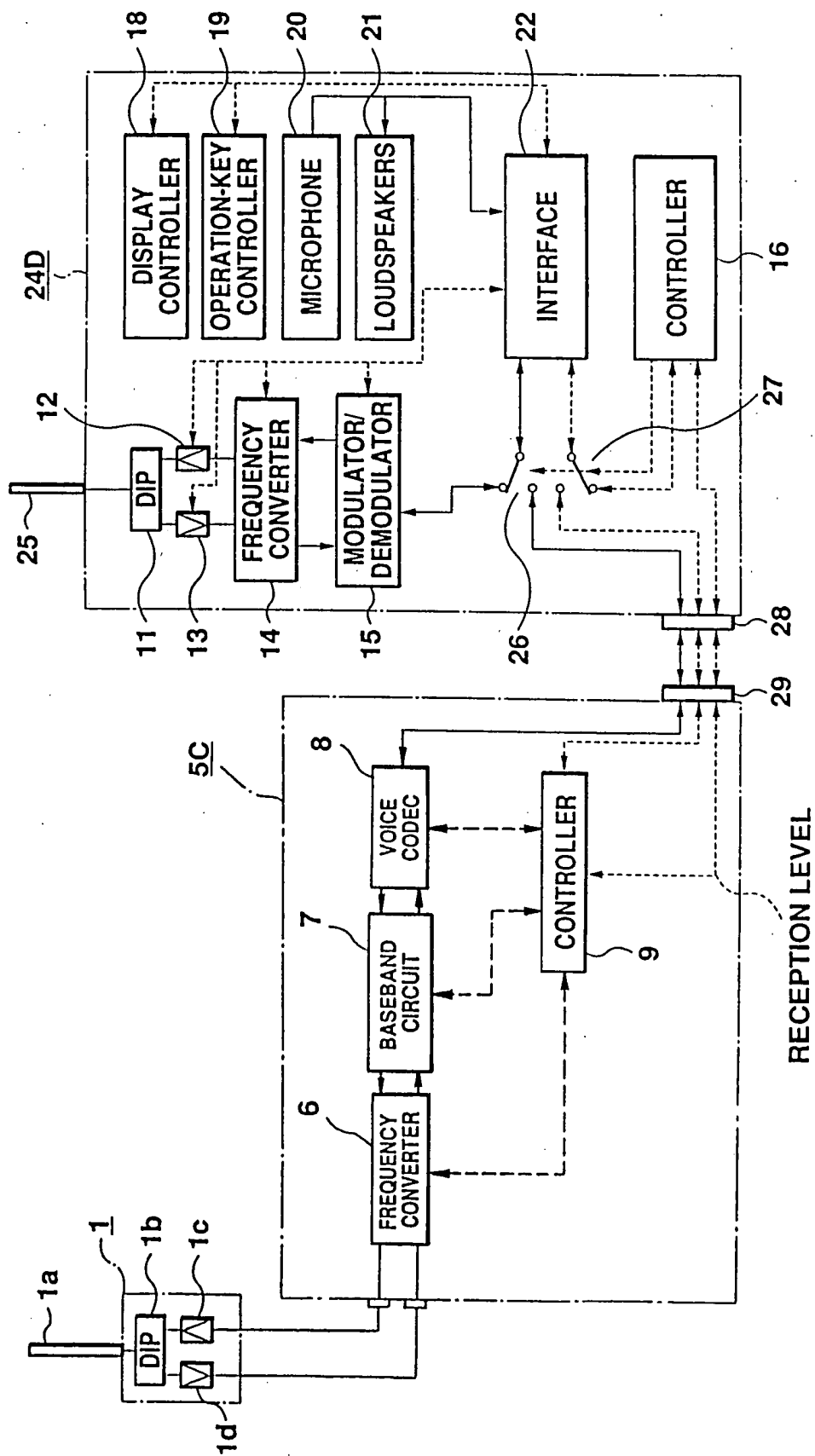


Fig. 19

Fig. 20

068020" 060227400

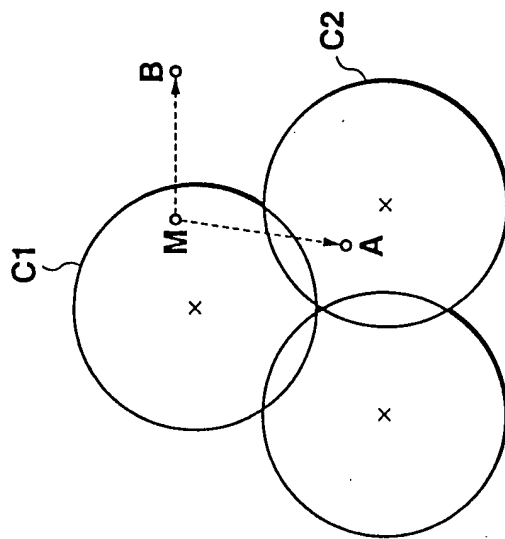


Fig. 21

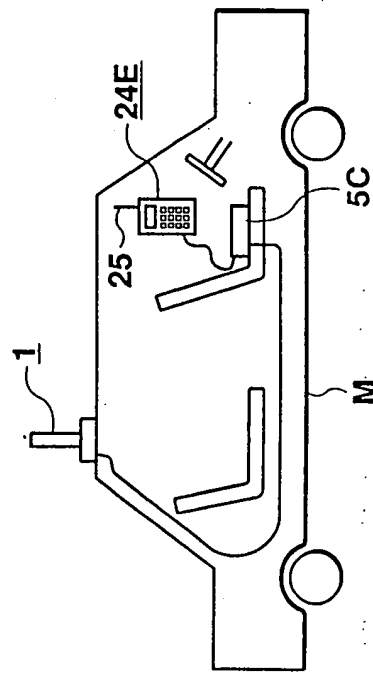
[illegible]

Fig. 22

The diagram illustrates a mobile communication system 100, divided into three main functional areas: a Mobile Station (5C), a Base Station (5E), and a Network (24E).

Mobile Station (5C): This section includes an antenna (1a) connected to a diplexer (1b). The diplexer (1b) is connected to a duplexer (1c) and a filter (1d). The duplexer (1c) is connected to a Frequency Converter (6), which is connected to a Baseband Circuit (7). The Baseband Circuit (7) is connected to a Voice Codec (8). The Voice Codec (8) is connected to a Controller (9). The Controller (9) is connected to the Baseband Circuit (7) and the Voice Codec (8).

Base Station (5E): This section includes an antenna (2a) connected to a diplexer (2b). The diplexer (2b) is connected to a duplexer (2c) and a filter (2d). The duplexer (2c) is connected to a Frequency Converter (14), which is connected to a Baseband Circuit (7A). The Baseband Circuit (7A) is connected to a Voice Codec (8A). The Voice Codec (8A) is connected to a Controller (16). The Controller (16) is connected to the Baseband Circuit (7A) and the Voice Codec (8A).

Network (24E): This section includes a Display Controller (18), an Operation-Key Controller (19), a Microphone (20), Loudspeakers (21), an Interface (22), and a Controller (27). The Display Controller (18) is connected to the Operation-Key Controller (19). The Operation-Key Controller (19) is connected to the Microphone (20). The Microphone (20) is connected to the Loudspeakers (21). The Loudspeakers (21) are connected to the Interface (22). The Interface (22) is connected to the Controller (27). The Controller (27) is connected to the Display Controller (18) and the Operation-Key Controller (19).

Connections: The Mobile Station (5C) is connected to the Base Station (5E) via a radio link (12). The Base Station (5E) is connected to the Network (24E) via a network link (26). The Network (24E) is connected to the Mobile Station (5C) via a network link (26).

Fig. 23

2000/01/01 00:00:00

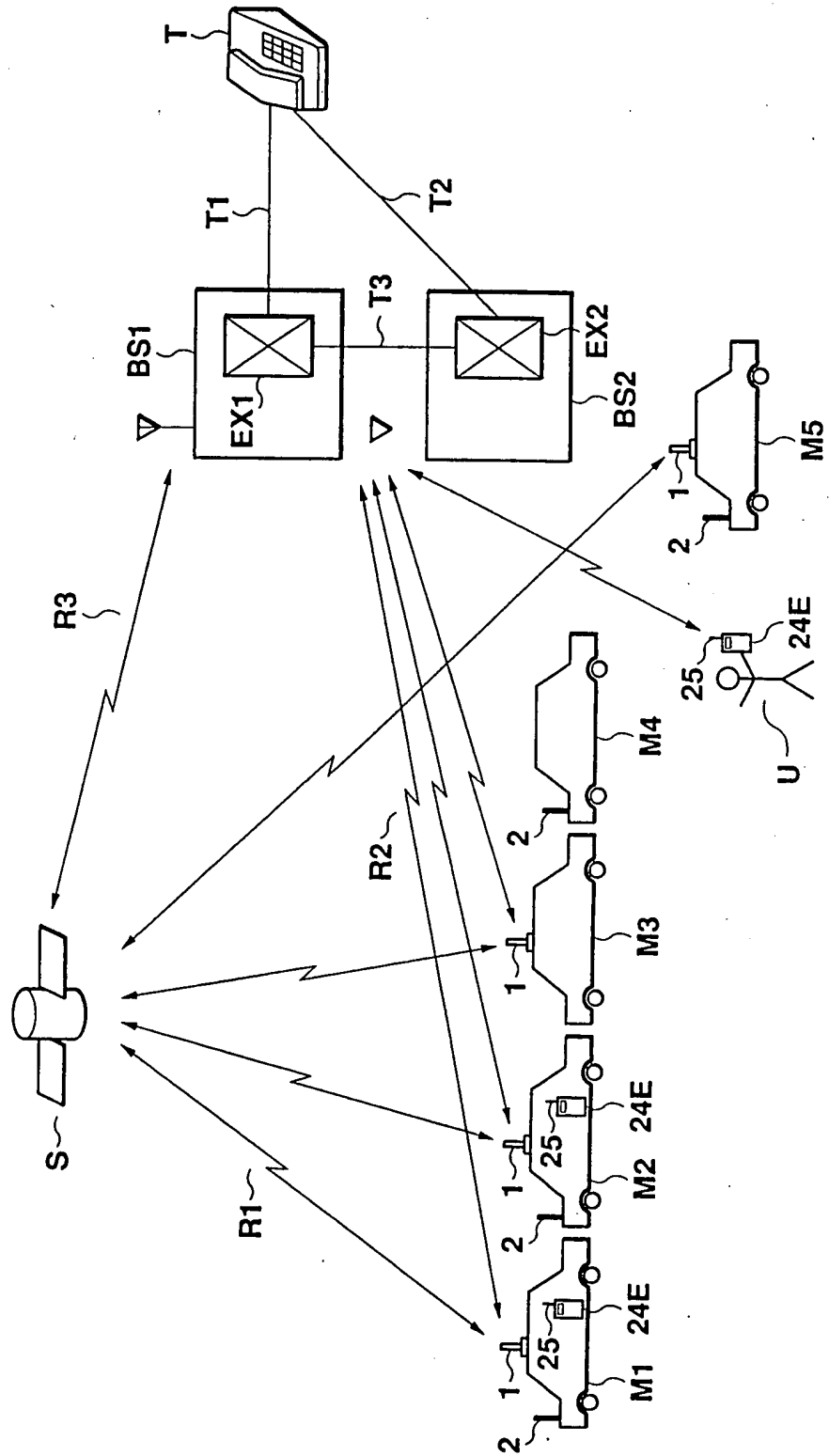


Fig. 24